

Pete King Restoration Project WEPP:Road Model Inputs for Reconstructed Road Segments															
OBJECTID *	SHAPE *	DESIGN	ROAD_SURFACE	TRAFFIC_LEVEL	ROAD_GRADIENT	ROAD_LENGTH	ROAD_WIDTH	FILL_GRADIENT	FILL_LENGTH	BUFFER_GRADIENT	BUFFER_LENGTH	ROCK_FRAGMENT_PERC	SOIL_TYPE	Catchment	
1	Point	or	n	h	6.6	50	16	0.3	1	0.3	1	20	5515M-01; loam	Pete King Creek blw W Fork Pete King Creek	
2	Point	or	n	h	7.2	50	16	0.3	1	0.3	1	20	5515M-02; loam	Pete King Creek blw W Fork Pete King Creek	
3	Point	or	n	h	3.3	50	16	0.3	1	0.3	1	20	5512-01; loam	W Fork Pete King Creek	
4	Point	or	n	h	9.8	50	16	0.3	1	0.3	1	20	5512-02; loam	W Fork Pete King Creek	
5	Point	or	n	h	11.2	50	16	0.3	1	0.3	1	20	5512-03; loam	W Fork Pete King Creek	
6	Point	or	n	h	5.2	50	16	0.3	1	0.3	1	20	5512-04; loam	W Fork Pete King Creek	
7	Point	or	n	h	4.6	50	16	0.3	1	0.3	1	20	5517C-01; loam	W Fork Pete King Creek	
8	Point	or	n	h	4.6	50.1	16	0.3	1	0.3	1	20	5517C-02; loam	W Fork Pete King Creek	
9	Point	or	n	h	6.6	50	16	0.3	1	0.3	1	20	5517C-03; loam	W Fork Pete King Creek	
10	Point	or	n	h	6.6	50.1	16	0.3	1	0.3	1	20	5517C-04; loam	W Fork Pete King Creek	
11	Point	or	n	h	7.9	50	16	0.3	1	0.3	1	20	486A-01; sandy loam	Walde Creek	
12	Point	or	n	h	0.7	50	16	0.3	1	0.3	1	20	486A-02; sandy loam	Walde Creek	
13	Point	or	n	h	7.9	50	16	0.3	1	0.3	1	20	486A-03; sandy loam	Walde Creek	
14	Point	or	n	h	2.6	50	16	0.3	1	0.3	1	20	486A-04; sandy loam	Walde Creek	
15	Point	or	n	h	1.3	50	16	0.3	1	0.3	1	20	460B-01; sandy loam	Placer Creek	
16	Point	or	n	h	6.6	50	16	0.3	1	0.3	1	20	460B-02; sandy loam	Placer Creek	
17	Point	or	n	h	7.9	50	16	0.3	1	0.3	1	20	5521-01; loam	W Fork Pete King Creek	
18	Point	or	n	h	9.8	50	16	0.3	1	0.3	1	20	5521-02; loam	W Fork Pete King Creek	
19	Point	or	n	h	1.3	50	16	0.3	1	0.3	1	20	486F-01; sandy loam	Walde Creek	
20	Point	or	n	h	3.3	50	16	0.3	1	0.3	1	20	486F-02; sandy loam	Walde Creek	
21	Point	or	n	h	0.7	50	16	0.3	1	0.3	1	20	486F-03; sandy loam	Walde Creek	
22	Point	or	n	h	0.7	50.1	16	0.3	1	0.3	1	20	486F-04; sandy loam	Walde Creek	
23	Point	or	n	h	9.8	50	16	0.3	1	0.3	1	20	486F-05; sandy loam	Walde Creek	
24	Point	or	n	h	7.9	50	16	0.3	1	0.3	1	20	486F-06; sandy loam	Walde Creek	
25	Point	or	n	h	7.2	50	16	0.3	1	0.3	1	20	5515D-01; loam	W Fork Pete King Creek	
26	Point	or	n	h	7.2	50.1	16	0.3	1	0.3	1	20	5515D-02; loam	W Fork Pete King Creek	
27	Point	or	n	h	11.8	50	16	0.3	1	0.3	1	20	5514-01; loam	Walde Creek	
28	Point	or	n	h	12.5	50	16	0.3	1	0.3	1	20	5514-02; loam	Walde Creek	
30	Point	or	n	h	9.8	50	16	0.3	1	0.3	1	20	5514-03; loam	Walde Creek	
31	Point	or	n	h	14.4	50	16	0.3	1	0.3	1	20	5514-04; loam	Walde Creek	
32	Point	or	n	h	11.1	50	16	0.3	1	0.3	1	20	5515-01; loam	Pete King Creek blw W Fork Pete King Creek	
33	Point	or	n	h	9.2	50	16	0.3	1	0.3	1	20	5515-02; loam	Pete King Creek blw W Fork Pete King Creek	
34	Point	or	n	h	7.9	50	16	0.3	1	0.3	1	20	5515-03; loam	Pete King Creek blw W Fork Pete King Creek	
35	Point	or	n	h	2	50	16	0.3	1	0.3	1	20	5515-04; loam	Pete King Creek blw W Fork Pete King Creek	
36	Point	or	n	h	1.3	50	16	0.3	1	0.3	1	20	5515-05; loam	Pete King Creek blw W Fork Pete King Creek	
37	Point	or	n	h	3.3	50	16	0.3	1	0.3	1	20	5515-06; loam	Pete King Creek blw W Fork Pete King Creek	
38	Point	or	n	h	5.9	50	16	0.3	1	0.3	1	20	5515-07; loam	Pete King Creek blw W Fork Pete King Creek	
39	Point	or	n	h	3.3	50	16	0.3	1	0.3	1	20	460-01; sandy loam	Nut Creek	
40	Point	or	n	h	2.6	50	16	0.3	1	0.3	1	20	460-02; sandy loam	Nut Creek	
41	Point	or	n	h	3.9	50	16	0.3	1	0.3	1	20	460-03; sandy loam	Nut Creek	
42	Point	or	n	h	4.6	50	16	0.3	1	0.3	1	20	460-04; silt loam	Nut Creek	
43	Point	or	n	h	2.6	50	16	0.3	1	0.3	1	20	460-05; silt loam	Nut Creek	

DESIGN or = outsloped, rutted
ROAD_SURFACE n = native
TRAFFIC_LEVEL h = high
ROAD_GRADIENT in percent
ROAD_LENGTH in feet
ROAD_WIDTH in feet
FILL_GRADIENT in percent
FILL_LENGTH in feet
BUFFER_GRADIENT in percent
BUFFER_LENGTH in feet
ROCK_FRAGMENT_PERC in percent

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Run number	Design	Surface, traffic	Road grad (%)	Road length (ft)	Road width (ft)
1	Outsloped, rutted	native high	6.6	50	16
2	Outsloped, rutted	native high	7.2	50	16
3	Outsloped, rutted	native high	3.3	50	16
4	Outsloped, rutted	native high	9.8	50	16
5	Outsloped, rutted	native high	11.2	50	16
6	Outsloped, rutted	native high	5.2	50	16
7	Outsloped, rutted	native high	4.6	50	16
8	Outsloped, rutted	native high	4.6	50.1	16
9	Outsloped, rutted	native high	6.6	50	16
10	Outsloped, rutted	native high	6.6	50.1	16
11	Outsloped, rutted	native high	7.9	50	16
12	Outsloped, rutted	native high	9.8	50	16
13	Outsloped, rutted	native high	7.2	50	16
14	Outsloped, rutted	native high	7.2	50.1	16
15	Outsloped, rutted	native high	11.8	50	16
16	Outsloped, rutted	native high	12.5	50	16
17	Outsloped, rutted	native high	9.8	50	16
18	Outsloped, rutted	native high	14.4	50	16
19	Outsloped, rutted	native high	11.1	50	16
20	Outsloped, rutted	native high	9.2	50	16

21	Outsloped, rutted	native high	7.9	50	16
22	Outsloped, rutted	native high	2	50	16
23	Outsloped, rutted	native high	1.3	50	16
24	Outsloped, rutted	native high	3.3	50	16
25	Outsloped, rutted	native high	5.9	50	16
1	Outsloped, rutted	native high	7.9	50	16
2	Outsloped, rutted	native high	0.7	50	16
3	Outsloped, rutted	native high	7.9	50	16
4	Outsloped, rutted	native high	2.6	50	16
5	Outsloped, rutted	native high	1.3	50	16
6	Outsloped, rutted	native high	6.6	50	16
7	Outsloped, rutted	native high	1.3	50	16
8	Outsloped, rutted	native high	3.3	50	16
9	Outsloped, rutted	native high	0.7	50	16
10	Outsloped, rutted	native high	0.7	50.1	16
11	Outsloped, rutted	native high	9.8	50	16
12	Outsloped, rutted	native high	7.9	50	16
13	Outsloped, rutted	native high	3.3	50	16
14	Outsloped, rutted	native high	2.6	50	16
15	Outsloped, rutted	native high	3.9	50	16
1	Outsloped, rutted	native high	4.6	50	16
2	Outsloped, rutted	native high	2.6	50	16

Restoration Project WEPP:Road Results for Reconstructed I

Fill grad (%)	Fill length (ft)	Buff grad (%)	Buff length (ft)	Rock cont (%)	Average annual rain runoff (in)
0.3	1	0.3	1	20	3.1
0.3	1	0.3	1	20	3.1
0.3	1	0.3	1	20	2.8
0.3	1	0.3	1	20	3.3
0.3	1	0.3	1	20	3.4
0.3	1	0.3	1	20	3
0.3	1	0.3	1	20	3
0.3	1	0.3	1	20	3
0.3	1	0.3	1	20	3.1
0.3	1	0.3	1	20	3.1
0.3	1	0.3	1	20	3.2
0.3	1	0.3	1	20	3.3
0.3	1	0.3	1	20	3.1
0.3	1	0.3	1	20	3.1
0.3	1	0.3	1	20	3.4
0.3	1	0.3	1	20	3.4
0.3	1	0.3	1	20	3.3
0.3	1	0.3	1	20	3.4
0.3	1	0.3	1	20	3.4
0.3	1	0.3	1	20	3.2

0.3	1	0.3	1	20	3.2
0.3	1	0.3	1	20	2.8
0.3	1	0.3	1	20	2.6
0.3	1	0.3	1	20	2.8
0.3	1	0.3	1	20	3
0.3	1	0.3	1	20	0.7
0.3	1	0.3	1	20	0.5
0.3	1	0.3	1	20	0.7
0.3	1	0.3	1	20	0.6
0.3	1	0.3	1	20	0.5
0.3	1	0.3	1	20	0.7
0.3	1	0.3	1	20	0.5
0.3	1	0.3	1	20	0.6
0.3	1	0.3	1	20	0.5
0.3	1	0.3	1	20	0.5
0.3	1	0.3	1	20	0.8
0.3	1	0.3	1	20	0.7
0.3	1	0.3	1	20	0.6
0.3	1	0.3	1	20	0.6
0.3	1	0.3	1	20	0.6
0.3	1	0.3	1	20	2.7
0.3	1	0.3	1	20	2.5

Road Segments

Average annual snow runoff (in)	Average annual sediment leaving road (lb)	Average annual sediment leaving buffer (lb)	Comment	Catchment
5.2	93	1	5515M-01; loam	Pete King Creek blw W Fork Pete King Creek
5.2	93	1	5515M-02; loam	Pete King Creek blw W Fork Pete King Creek
5.1	66	1	5512-01; loam	W Fork Pete King Creek
5.2	107	1	5512-02; loam	W Fork Pete King Creek
5.2	95	1	5512-03; loam	W Fork Pete King Creek
5.2	80	1	5512-04; loam	W Fork Pete King Creek
5.2	80	1	5517C-01; loam	W Fork Pete King Creek
5.2	80	1	5517C-02; loam	W Fork Pete King Creek
5.2	93	1	5517C-03; loam	W Fork Pete King Creek
5.2	93	1	5517C-04; loam	W Fork Pete King Creek
5.2	100	1	5521-01; loam	W Fork Pete King Creek
5.2	107	1	5521-02; loam	W Fork Pete King Creek
5.2	93	1	5515D-01; loam	W Fork Pete King Creek
5.2	93	1	5515D-02; loam	W Fork Pete King Creek
5.2	99	1	5514-01; loam	Walde Creek
5.2	99	1	5514-02; loam	Walde Creek
5.2	107	1	5514-03; loam	Walde Creek
5.2	106	1	5514-04; loam	Walde Creek
5.2	95	1	5515-01; loam	Pete King Creek blw W Fork Pete King Creek
5.2	106	1	5515-02; loam	Pete King Creek blw W Fork Pete King Creek

5.2	100	1	5515-03; loam	Pete King Creek blw W Fork Pete King Creek
5.1	60	1	5515-04; loam	Pete King Creek blw W Fork Pete King Creek
5	52	1	5515-05; loam	Pete King Creek blw W Fork Pete King Creek
5.1	66	1	5515-06; loam	Pete King Creek blw W Fork Pete King Creek
5.2	86	1	5515-07; loam	Pete King Creek blw W Fork Pete King Creek
0.5	49	2	486A-01; sandy loam	Walde Creek
0.4	15	0	486A-02; sandy loam	Walde Creek
0.5	49	2	486A-03; sandy loam	Walde Creek
0.4	30	1	486A-04; sandy loam	Walde Creek
0.4	15	0	460B-01; sandy loam	Placer Creek
0.5	45	1	460B-02; sandy loam	Placer Creek
0.4	15	0	486F-01; sandy loam	Walde Creek
0.4	30	1	486F-02; sandy loam	Walde Creek
0.4	15	0	486F-03; sandy loam	Walde Creek
0.4	15	0	486F-04; sandy loam	Walde Creek
0.5	57	2	486F-05; sandy loam	Walde Creek
0.5	49	2	486F-06; sandy loam	Walde Creek
0.4	30	1	460-01; sandy loam	Nut Creek
0.4	30	1	460-02; sandy loam	Nut Creek
0.5	34	1	460-03; sandy loam	Nut Creek
4.7	92	0	460-04; silt loam	Nut Creek
4.7	77	0	460-05; silt loam	Nut Creek

Totals: 2896 39